This archive covers November 1995 through May 1999.

- **May 26-28, 1999**: **WebHub International Conference** in Mannheim, Germany.
- **March 27, 1999**: Three new Delphi add-on products: Alexei's TOleDragDrop, UnitOOPS OLE Drag and Drop, and Alexei's DHTMLEventHandler.
- **March 26, 1999**: WebHub v1.720 is available for Delphi 3 and 4, registered users.
- **February 26, 1999**: The WebHub Wizard is available for Delphi 4!!
- **January 30, 1999**: The new version of the WebHub Developer's Manual is ready.
- **November 19, 1998**: **WebHub v1.640+ includes a new parser that supports much greater nesting of macros**, putting comments into macros, and using multi-line macros. In-house we have already found this to give us an incredible productivity boost.
- **September 11, 1998**: An updated version of TWebRubiconSearch is now available for Rubicon2. Free upgrades to registered users; contact Customer Service.
- **September 4, 1998**: WebHub Power HTML v1.603 is shipping.
- **July 13, 1998**: WebHub VCL v1.600 is shipping for Delphi 4 - free trial and for registered users.
- **July 10, 1998**: Form to HTML Converter is now available for Delphi 2, 3 AND 4, and C++Builder 3 users!
- **June 15, 1998**: **WebHub v1.50** is announced! Press Release.
- **June 14,1998**: Form to HTML Converter available for Delphi and C++Builder programmers!
- **June 9, 1998**: Rubicon Professional is available through HREF Tools. Combine that with TWebRubiconSearch for fast, effective full-text searches on the web, using Delphi and WebHub.
- **May 20, 1998**: The WebHub Coolness Layer is now available! This is special ISAPI filter gives you "cool" URLs.
- **April 6, 1998**: The Hub v1.43+ runs as a service and survives login/logout. WebHub v1.443 is available today for download in all versions (Delphi 2, Delphi 3, registered and trial.)
- **March 24, 1998**: WebHub v1.42 for Delphi 3 is shipping for trial and registered users.
- **January 30, 1998**: An updated webhub.hlp file is available for free download. This contains hundreds of new entries on the tPack classes and components, more guidance for WebHub beginners.
- **January 21, 1998**: The WebHub Shopping Cart Jump Start Project is shipping, with its own user manual.
- **October 8**: Branding will forever change the way you design sites that need to be in search engines while retaining dynamic features. Branding is part of WebHub 1.24+.
- **October 2**: WebHub version 1.24 is fully compatible with NT 4 SP3.
- **October 1**: FREE WebHub Trial Version 1.23 is shipping for Delphi 3!
- **Sept 15**: There is a major new release out, available as WebHub version 1.27.

  Significant new features include:
  - You may run the Hub and your custom EXEs **as services**.
  - There is a new **HTML editor** with search and replace, shortcuts for entering WebHub syntax, and more.
  - There is a new **WebHub Project Wizard** that enables one to **quickly** create full-featured applications using the WebHub panels.
  - There are **new entry-level demos**; you may preview these on demos.href.com.
  - You can put **comments** into your WebHub-HTML using // and they will never leave your server.

- Several **new built-in macros for webmasters.**
- Much more! The full release notes are posted in the customer download area.

This is the first paid upgrade since WebHub first shipped in October 1995.

- **Sept.** 7: We confirmed that WebHub 1.04 is compatible with Microsoft Personal Web Server on Win 95 as well as with MS IIS 4 (beta).

- **Sept 1**: WebHub 1.06 is compatible with the Advantage Database Server product from Extended Systems. This BDE replacement gives you client/server functionality with FoxPro and other .dbf files.

- **June 16: WebHub Release 1.04** is available for customers and trial users. There are files for **Delphi 2 and 3**. This release is free to customers.

- **May 20: WebHub Version 1.00** is available for download by customers for Delphi 2 and 3.

- **May 7: Version 0.925** is available for customers. The most important aspects to this release are (a) refinements in the hub and runners, and (b) a fully reusable user interface across the hub, all demos, and optionally any of your own projects.

- **March 18: Version .911** This release is available for customer download, along with a demonstration project that shows off the new TWebRubicon component for full-text searches over the web.

- **January 27, 1997: Version .9** The trial build is off to CD manufacturing now, and is posted for immediate download. The registered build will follow tomorrow. The main enhancements were to the Hub user interface. On the documentation side, the help file has a about 200 new entries and the tutorial has been completely upgraded to match this version.

- **December 19: EEP 8.95** There has been a lot going on behind the scenes at HREF during the last couple months. A combination of the 8.94 hub + runners plus the new 8.95 components are available for customers and free trial. Feature highlights on the new components:
  - cloned datasets support third-party products derived from TDataSet such as InfoPower
  - TWebPicture now helps you generate graphics for buttons (prev, next, home, etc.) so you can quickly make all the files for a consistent user interface
  - Web Action components can live in any form or data module (i.e. they can move out of the main form of the project)
  - no more workarounds for using data modules, and all the components refresh completely on their own now (bug fix)
  - sample webaction component which gives you a user interface for an alphabetical index into any database
  - lots more...

- **October 27: EEP 8.94** Interim release for customers only.

- **September 28: EEP 8.91** The files for trial and registered users are ready for download.

- **September 11: Pricing and trial policy changes with 8.9** The trial period has been extended to July 4th of **next year**. The trial hub will support 1 custom webapp.

- **September 10: WebHub EEP 8.86** Full press release is here...
  This version is now available for customers and free trial users to download. The expiration date is October 31, 1996.

  What's hot: VRML demo that also shows extensive user interface control, using frames, written with only WebHub chunks and macros; no custom cgi programming required. Also: new TWebDataForm component provides an Instant Form for any record in a table. That is demonstrated in the HTSAMP demo.

- **September 3: WebHub EEP 8.83** Posted... Thanks to everyone who contributed on our listserv with bug reports and suggestions. The connected panel connects easily now; we are running on Win95 at least for testing purposes; the runners can serve unlimited files for use with VRML; ISAPI support remains strong; macros keep getting better; all those broken links in webhub.hlp are fixed.

August 17: Trial of WebHub EEP 8.8e: Posted. Memory leaks are out, the Hub has e-mail and there are enhanced features for security.

August 2: trial version 8.6: Available for download. The full multi-surfer ISAPI runner is included. This version is supported on win NT only.

July 28: version 8.6 for customers: We are off to the Borland Developers Conference. We left a new build, EEP 8.6, for

customers to download. This includes the multi-surfer ISAPI runner and some component fixes. Release notes are in the version file.

July 15: Kits shipping: Quick Start Kits are shipping for version 8.5a.

July 7: Free Trial of EEP 8.5a: Hub, Components and User Manual are available for your review now. Demos have been upgraded to 8.5a!

July 1: Version EEP 8.5 update: EEP 8.5a files are shipping to customers.

Please bear with us as the content of this site shifts from version 8.41.3 to 8.5....

May 14: Quick SQL demo: See HTQRY3 in the free demos -- surfer enters SQL and that runs against the table of your choice. This will work with any Paradox or dBase table, or use Delphi Client/Server to connect to SQL Server, Oracle, Sybase, Informix, Interbase tables if you want. Output to the web is handled by the TWebDataGrid component and displays in a scrollable HTML table.

May 13: Update on the free demos: The two newest demos are: listserv signup and a fairly sophisticated e-mail demo that does form-to-e-mail, form letters with mail merge of data from the web, and integration with PolyForm .pf files.

These are **free e-mail solutions** that you can run with the trial version of the Hub System (expires 6/30).

March 4, 1996: Version EEP8.3 is out, with 32-bit code for registered users.

February 18: Preliminary releases of WebHub version EEP8 are posted.

Really hot in EEP8:

- support for more servers -- Netscape, Spry, WebSite (not Microsoft yet!!)
- maitre d' hub -- can bounce requests to multiple machines
- media server support -- cycle requests for large files across machines
- Hub Apps -- one of your apps can have its static pages handled immediately by the Hub
- micro charging -- use macros to charge surfers for items linked on a page
- new webhub starter project makes it Really Easy to start a new web-app
- oh yeah, there's a Java demo in the samples now; it shows how surfer data can be passed as parameters to a Java applet.

January 14: We are now shipping the WebHub Quick Start Kit -- it contains the software and documentation you'll need to get started building interactive web sites.

December 31: Happy New Year!! An updated set of WebHub trial components for Delphi programmers is now available!!! This set will last until February 15, 1996...

December 21: Beta 7 shipped to WebHub customers.

December 19: The Fish Store got some new features, including an e-mail test page, graphics on-the-fly, and a string grid. We continue to provide full source code to the Fish Store so that you can learn to make interactive web sites with WebHub as easily as possible.

November 28: There's now a new version of the WebHub trial components for Delphi, plus an update for all registered customers. The new trial version does not expire until 12/31/95, and you can create .exe's that interact with a browser such as Netscape or Mosaic.

Included in this release are the new components for email, pgp, outlines, custom graphics, and more. The TWebMail component can now send encrypted messages based on 'lines' and a parameter stored in app.defaults; and the TWebMailForm component handles the ever-popular form-to-email function. It's been improved so that you can send form literals, cgi environment data, cgi system data plus **session object data**.

Using the built in support for pgp-dos (and soon viacrypt/windows), you're able to receive orders or information supplied by a prospect through a secure channel.

November 26: Help files are finally happening -- for the Delphi components.

November 9: First release of the trial WebHub components for Delphi programmers...

November 2: First release of the Trial Application to help you interactively learn how WebHub constructs pages on the fly, using chunks and macros.

Help us improve this web site! Report errors, make suggestions. Copyright © 1995-2004 HREF Tools Corp. All Rights Reserved Worldwide.
Running: WebHub32v2.037 on Microsoft-IIS/4.0, Local Time: Sat 24 Jul 2004 08:39:15. Session 583886072, 1 pages sent to Mozilla at 151.207.244.3; Time to produce this page: 30msec.

Topic #1.1.4.6.

WebHub News
- Availability
- The Inside Scoop
- 2.00 Release
- 1.50 Release
- 1.27 Upgrade
- **1.00 Release**
- 0.89 Release

1.00 Release: Press release for WebHub 1.0

Contact:
Jesse Odell
The Ford Odell Group
707/538-9592

HREF TOOLS SHIPS WEBHUB 1.0

WebHub 1.0 to provide Delphi users with a proven, extensible framework for building scalable Internet and Intranet applications.

Santa Rosa, CA -- May 19, 1997 -- HREF Tools Corporation today announced that after 18 months of rigorous market testing and deployment by thousands of Delphi developers, WebHub 1.0 is available. WebHub takes full advantage of Borland International's new Delphi 3 Client/Server Suite, providing a comprehensive and proven framework for building scalable Internet and Intranet applications.

According to WebHub Architect Michael Ax[1], "WebHub provides additional value to Delphi 3. It simplifies the development process with complete component-based solutions to the challenges of multi-user state management, persistent database connectivity, and high level HTML page generation. Developers who choose WebHub can leverage these powerful integrated capabilities in a well-honed environment, reducing development time and costs for corporate Intranet and Internet projects."

Web Application Development Framework for Borland's VCL

WebHub is a complete development environment for Delphi 2 and 3 programmers. Its components give developers everything they need to quickly write applications for use with Windows NT web servers. The components handle the cgi interface transparently for ISAPI, NSAPI, cgi-win and cgi-bin. Included in the palette of over 30 web-specific components are tools for handling data-aware grid controls, e-mail and even interactive outline processing. Although WebHub is designed to handle extremely sophisticated, high-traffic sites, its web-enabling capabilities can be utilized by any Delphi developer for a broad range of web projects.

"WebHub's advanced Internet development capabilities take advantage of Delphi 3's powerful open architecture," said Diane Rogers, Borland group product manager. "We congratulate HREF on continuing to extend Delphi to deliver a scalable, enterprise-class solution for corporate Internet developers."

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"WebHub's advanced Internet development capabilities take advantage of Delphi 3's powerful open architecture," said Diane Rogers, Borland group product manager. "We congratulate HREF on continuing to extend Delphi to deliver a scalable, enterprise-class solution for corporate Internet developers."

The WebHub framework offers Delphi professionals a powerful and extremely flexible architecture. WebHub's integrated, object-oriented approach to web development means extremely fast development for straightforward sites, and no-limits functionality for high-end sites.

WebHub can be used as powerful middleware for ActiveX, Java and JavaBean clients, providing functionality not found in JDBC, and leveraging legacy applications.

Architecture Ensures Extremely Fast Web Applications

Applications built with WebHub are compiled to native Wintel code and perform with exceptional speed. WebHub sites serve dynamic pages as much as 40 times faster than those using other methods. Pages are produced at a rate of 15 to 50 milliseconds per page as compared to one or more seconds per page for other solutions. WebHub implements a multi-user state machine. This architecture, combined with preloaded EXE files, eliminates program and database initialization and ensures high performance.

Unlimited Capacity for High Traffic Sites

WebHub is an affordable solution for high traffic web sites. The package includes a "Hub," a process control module inspired by the CORBA ORB. It provides extremely efficient surfer interaction while

http://href.com/PRWH1:152654040

preventing system overload. The Hub may serve one or more web applications: literally, one or more EXE files built with the WebHub components. A webmaster with a high traffic site can simultaneously run multiple copies of the same EXE file to service extremely high concurrent traffic. The optimal number of concurrent EXE files will vary depending on hardware capacity and page processing time. When the first machine is saturated, WebHub is easily extended to run on multiple servers in a cluster, providing linear scalability at a competitive price.

Long-term Vision for Site Development and Maintenance

WebHub supports HTML specialists and programmers. Because HTML is kept separate from program logic, WebHub sites are easy to maintain over time. A change in one macro is instantly reflected throughout an entire site, and most changes do not require recompilation. HTML files can be shared across multiple projects, so that subroutines can be developed. An advanced macro language supports a wide range of features, all accessible without Delphi programming. Remote administration features are included for webmasters who use a remote ISP.

WebHub promotes code reuse at every level. The web action class is ideally suited for VCL component authors to create their own "actions." All web action components automatically inherit the powerful save-state mechanism and the ability to be called from HTML, saving weeks of development time and costs.

"As the frenzy over web development reaches the chasm between short-term solutions and core Internet technologies, HREF is positioned to reach web developers and corporate information systems managers looking for Internet tools with long-term payoffs," said Ax.

WebHub was recently deployed by Universal Tax Systems to build a tax preparation site which allows customers to file, prepare and compute taxes online. Said UTS President Steve Safigan, "WebHub was the key to publishing our application on the web. We needed a tool that would allow us to replace our DOS/Windows user interface with an HTML interface. WebHub is the only tool on the market with the flexibility and robustness to accomplish this. Using WebHub, we were able to adapt our tax program to run across the Web as if it was running on a local computer. WebHub gave us the head start we needed to develop a true web-centric application."

WebHub has been commercially available since October 1995. The early experience package has successfully been deployed by a number of high-profile organizations including the states of California and Massachusetts, Lockheed Martin, MCI and Universal Tax Systems. Said Ann Lynnworth, HREF's co-founder and CEO, "WebHub 1.0 is unlike typical first version releases. For more than 18 months, large organizations have successfully implemented WebHub for mission critical Internet systems. We can therefore state with absolute confidence that WebHub 1.0 is a mature, 'proven' Internet technology."

Developer Friendly

WebHub's distinct architecture enables programmers to test components and web pages while remaining in the Delphi IDE. Property editors from the IDE automatically carry forward to the run-time user interface. HREF sponsors a free listserv for active developer news and discussion.

Pricing and Availability

WebHub 1.0 for Borland's Delphi 2 and 3 is shipping May 19, 1997, from HREF Tools Corp. It is available for download via the HREF corporate web site: http://www.href.com. WebHub is also distributed through Programmer's Paradise (www.pparadise.com), EarthWeb Direct (www.developer.com), Grey Matter Ltd. (www.GreyMatter.co.uk/) and technical support centers in Australia, New Zealand and Switzerland. Pricing starts at $365 for a single developer. Hub licensing agreements range from $95 to $1,955 per server, based on the number of deployments.

Product Requirements

WebHub 1.0 requires Windows NT 3.51+ or Windows 95, Borland's Delphi 2 or 3 for custom application development, and a Windows-based web server supporting ISAPI, NSAPI, cgi-bin or cgi-win, such as Microsoft IIS, Netscape, WebSite and Purveyor.

About HREF Tools Corp.

HREF Tools Corp. is a leading provider of VCL-based web technology. HREF's approach to product development focuses on built-in extensibility and openness through component-based architectures. HREF offers consulting services through its strategic alliance with Acadia Software. Additional information about HREF and its products and services can be obtained at: http://www.href.com.

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[1] Michael Ax co-founded HREF Tools Corp., wrote WebHub EEP through v2.005 from September 1995 to July 2001, ran HREF from January 2000 to July 2001, and has since moved on to a new phase of his life. Visit Michael Ax's web site.

[1]

www.href.com ↦ Products ↦ WebHub ↦ WebHub News ↦ 1.00 Release

Help us improve this web site! Report errors, make suggestions. Copyright © 1995-2004 HREF Tools Corp. All Rights Reserved Worldwide. Running: WebHub32v2.037 on Microsoft-IIS/4.0, Local Time: Sat 24 Jul 2004 08:41:15. Session 152654040, 5 pages sent to Mozilla at 151.207.244.3; Time to produce this page: 50msec.

HREF TOOLS ANNOUNCES WEBHUB v1.50

HREF Tools Corp. releases v1.50 of the WebHub VCL technology for Internet and Intranet application development. WebHub includes a web process controller and a suite of web site creation tools.

Santa Rosa, CA – June 15, 1998 – HREF Tools Corp. today announced immediate availability of the 1.50 version of the WebHub VCL for Delphi, along with corresponding updates to the full WebHub product line. The new features benefit webmasters and VCL programmers during development and "live" production, enhancing security, performance and usability.

New Features for Webmasters

- Ability to access COM and DCOM objects from WebHub-HTML macros.
- New advertisement rotation component.
- New security component for managing user names, passwords and account status for sites requiring login/logout. Automatic logout after a period of inactivity is optional.
- New debug mode for tracing through WebHub-HTML macro calls.
- New web browser information component, enabling customized pages that include sections of HTML or Javascript based on browser capability.
- New and extended macros, including if|else scripting, form input shortcuts and anchoring.
- HTML editor with color syntax highlighting and code templates.
- Support for dynamic parameterized HTML templates.
- Form to email without programming; supports form letters with fill-ins based on any macro, and activity logging.
- "Branding" of static HTML files for the seamless integration of static pages into stateful sites.
- Complete new user manual, "WebHub Power HTML Guide", for non-programmers.

New Features for VCL Programmers

- Reusable, "snap together" panel technology for rapid creation of custom web application servers with instant yet full-featured user interfaces. WebHub Wizard creates complete projects from shared panels, forms and data modules.
- New SendFileIIS method to make downloadable files available with dynamic names and/or content, for secure software delivery.
- Enhanced security : optional monitoring for IP number and web browser changes within a single session.
- Transparent support for cookie based session numbers.
- New TWebdataform component for automatic creation of data-entry forms based on database records.
- Support for HTPP head/get requests.
- Dataset cloning for enabling single user coding techniques in multi-user web-applications.
- New TWebDropdown component for quick drop-down lists.
- Recognition of Cold Fusion and Microsoft FrontPage tags.
- Event handler lists to enable plug-and-play injection of event handlers into existing code.
- Full compatibility with COM, DCOM and Microsoft Transaction server objects
- 100+ new utility procedures.

(continued)

New Features for Production Use

- Enhancements to scalability within web server clusters through new load-balancer support modes.
- Ability to echo the same command to all instances of a custom process -- for example, to simultaneously reload changed HTML files.
- Storage of surfer session data within nested subdirectories for lightning fast shared access to thousands of session files.
- The ability to run the Hub as an NT service. WebHub VCL units are available to make any custom application server run as a service.
- WebHub VCL packages for use with Delphi 3 and 4 enabling up to three times more parallel instances to run on the same machine as without packages.
- No BDE dependencies in the primary package.
- Lower resource requirements: fewer mandatory menu items; user interface panels are now optional.
- New "WebHub Coolness Layer" add-on for ISAPI makes a dynamic site look static to spiders and casual observers.

Compatibility with related technologies

- Tee-chart for dynamic graphics. (www.teechart.com)
- Rubicon for full text searching (www.tamaracka.com)
- THtmlViewer for HTML rendering/preview. (www.pbear.com)
- Interbase Objects for direct access to Interbase. (www.ibobjects.com)
- WebView, WebWatch and WebQueue. (www.spis.co.nz)

Pricing and Availability

The WebHub VCL Developer Bundle costs $365 for a single developer. Hub licenses cost $95 to $1,955 per additional server, depending on the number of application instances. The WebHub Shopping Cart Jump Start Package costs $219 per developer. WebHub Power HTML (no VCL) costs $195 and includes a 1-process Hub and a generic application server. Upgrades to version 1.50 are free to registered users of WebHub v1.10+.

WebHub VCL 1.50 for Delphi 2, 3 and 4 is shipping June 15, 1998.

Product Requirements

WebHub v1.50 requires Windows NT 3.51+ and a Windows NT web server such as Microsoft IIS 1+ or O'Reilly's WebSite 1+. The WebHub VCL components require a 32-bit version of Delphi. The client/server edition of Delphi is not required.

About HREF Tools Corp.

HREF Tools Corp. is privately held California corporation, founded in 1995 to provide leading-edge object oriented web technology. HREF has hundreds of customers worldwide. Additional information about HREF and its products and services can be obtained at http://www.href.com.

For Editors and Reporters:

To receive an evaluation copy of any of the WebHub products, please contact Patricia Mansfield at 707-542-0844 or send email to patricia@mail.href.com. A PDF of this press release is online at http://www.href.com/pr980615, along with linked screen shots.

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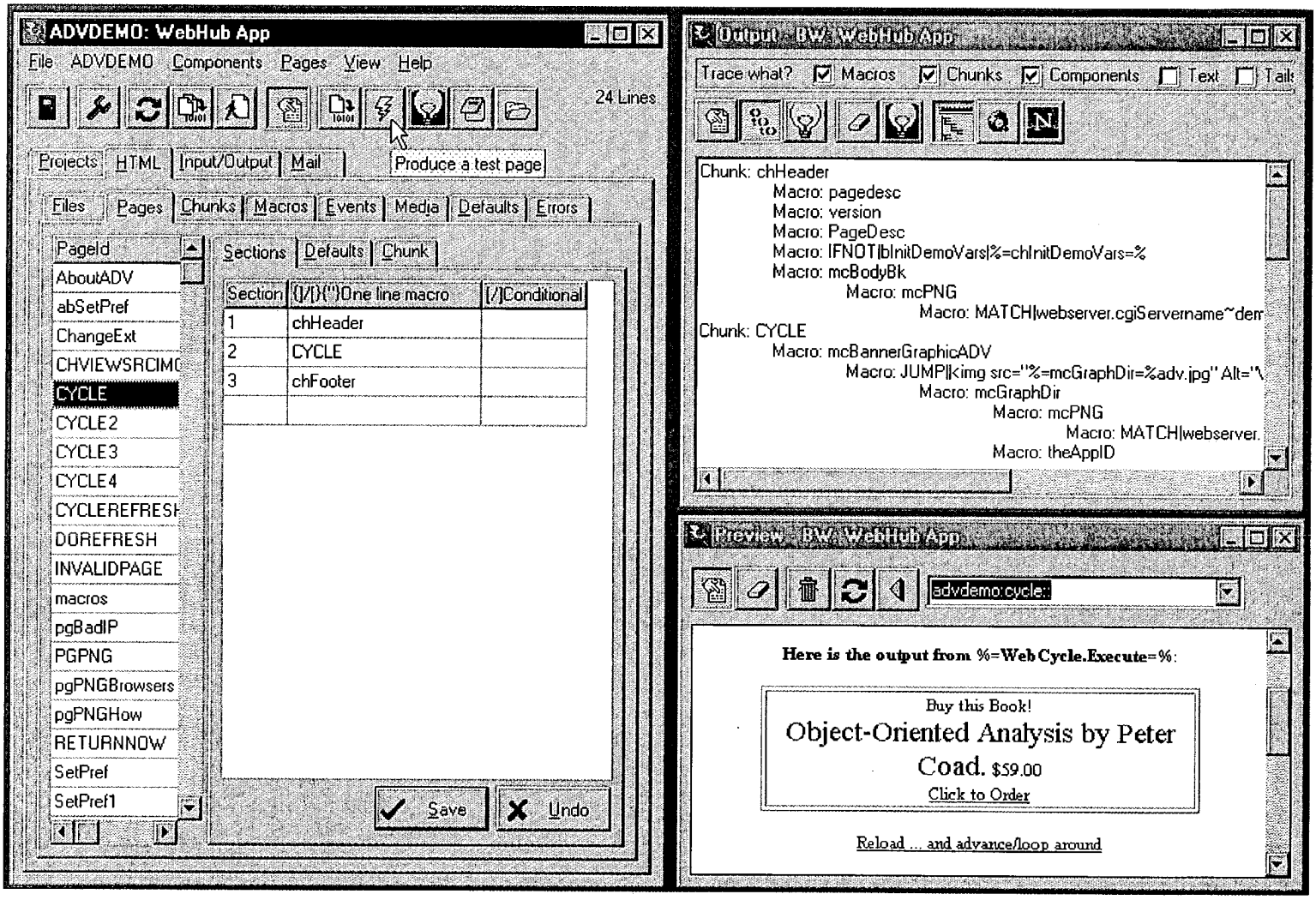
WebHub is a registered trademark of HREF Tools Corp. All other marks are the property of their respective holders.


ADVDEMO: WebHub App
File ADVDEMO Components Pages View Help
24 Lines
Projects HTML Input/Output Mail
Produce a test page
Files Pages Chunks Macros Events Media Defaults Errors
PageId
AboutADV
abSetPref
ChangeExt
CHVIEWSRCIMG
CYCLE
CYCLE2
CYCLE3
CYCLE4
CYCLEREFRESH
DOREFRESH
INVALIDPAGE
macros
pgBadIP
PGPNG
pgPNGBrowsers
pgPNGHow
RETURNNOW
SetPref
SetPref1
Sections Defaults Chunk
Section {}/[]("")One line macro [/]Conditional
1 chHeader
2 CYCLE
3 chFooter
Save
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Output - BW: WebHub App
Trace what? Macros Chunks Components Text Tails
Chunk: chHeader
Macro: pagedesc
Macro: version
Macro: PageDesc
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Macro: mcBodyBk
Macro: mcPNG
Macro: MATCH|webserver.cgiServername~dem
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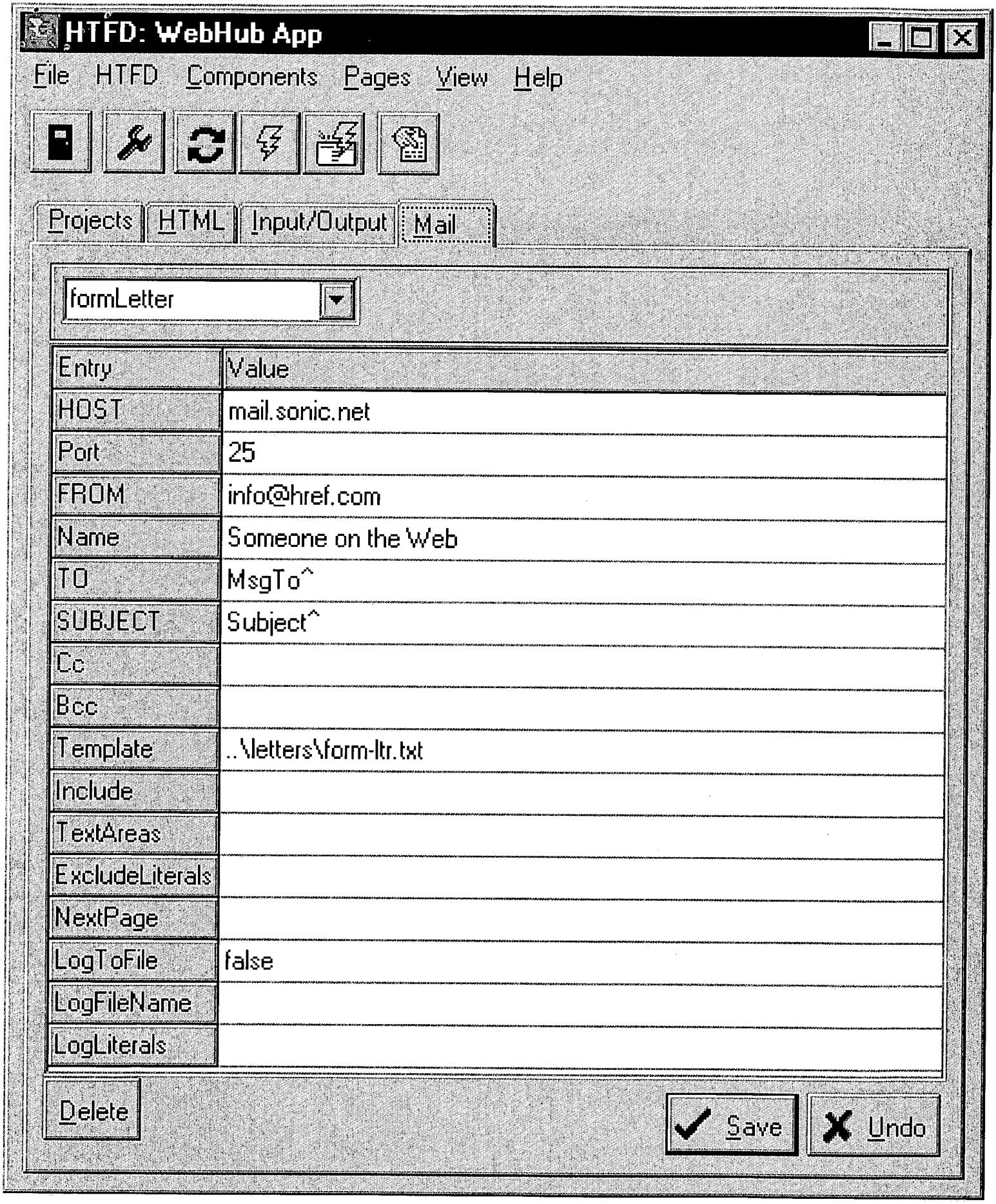
Macro: mcGraphDir
Macro: mcPNG
Macro: MATCH|webserver.
Macro: theAppID
Preview - BW: WebHub App
advdemo:cycle:
Here is the output from %=WebCycle.Execute=%:
Buy this Book!
Object-Oriented Analysis by Peter Coad. $59.00
Click to Order
Reload ... and advance/loop around


HTFD: WebHub App
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Entry Value
HOST mail.sonic.net
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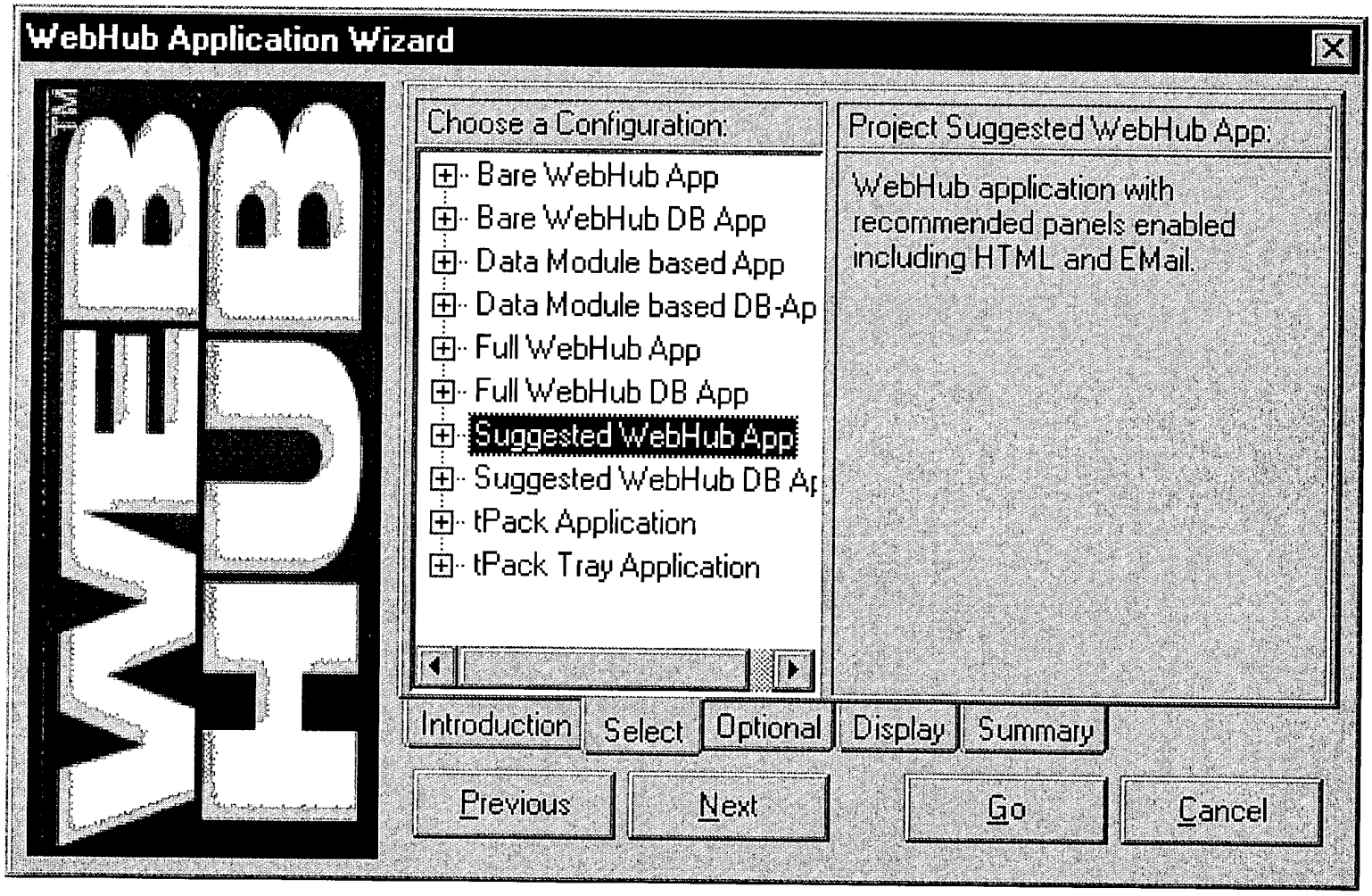
WebHub Application Wizard
Choose a Configuration:
Bare WebHub App
Bare WebHub DB App
Data Module based App
Data Module based DB-Ap
Full WebHub App
Full WebHub DB App
Suggested WebHub App
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Project Suggested WebHub App:
WebHub application with recommended panels enabled including HTML and EMail.
Introduction
Select
Optional
Display
Summary
Previous
Next
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Search Results -

Terms	Documents
715/526	476

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

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Recall Text | Clear | Interrupt

Search History

DATE: Saturday, July 24, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L36	715/526	476	L36
L35	715/513	1713	L35
L34	715/500	812	L34
L33	715.clas.	7981	L33
L32	712/209	503	L32
L31	712.clas.	10684	L31
L30	703.clas.	7105	L30
L29	717.clas.	6757	L29
L28	703/3	325	L28
L27	703.clas.	7105	L27
L26	717/140	426	L26
L25	717/124	527	L25
L24	717/122	175	L24
L23	717/118	225	L23

L22	717/117	92	L22
L21	717/116	437	L21
L20	717/115	124	L20
L19	717/114	331	L19
L18	717/106	319	L18
L17	717/8	345	L17
L16	717/3	347	L16
L15	717.clas.	6757	L15
L14	707.clas.	21604	L14
L13	707/100	4871	L13
L12	707/2	4056	L12
L11	707/526	775	L11
L10	707/513	2225	L10
L9	707/500	1399	L9
L8	707/8	2019	L8
L7	707/3	6727	L7
L6	707/1	6715	L6
L5	L4 and (repository or database or data with base)	54	L5
L4	L3 and keyword	61	L4
L3	L2 and (extend or extensible or expand)	176	L3
L2	macro near language	482	L2
L1	extend$ near macro near language	3	L1

END OF SEARCH HISTORY

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L10	l4 and L9	127	L10
L9	717.clas.	6757	L9
L8	l2 and macro	0	L8
L7	L5 and (extend or extensible or expand)	1	L7
L6	L5 and (extend or extensible)	1	L6
L5	L4 and keyword near2 (registry or database or data with base)	2	L5
L4	macro near2 language	681	L4
L3	L2 and macro near2 language	0	L3
L2	L1 and keyword near (registry or database or data with base)	3	L2
L1	"c programming"	4327	L1

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... www.brics.dk/bigwig/research/publications/**macro**.ps. ... **Extensible** grammars for **language** specialization. ... [16] Haskell 98, a non-strict, purely functional **language**. ...
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... Office Automation Intern, Summer **1998**. ... Computer **Languages**: ARC **Macro Language** (AML), Visual Basic ... Applications (VBA), VBScript, HTML, **Extensible** Markup **Language** ...
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[PDF] ISO/IEC 9899:**1999**(E) -- **Programming** Languages -- **C**
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... 49 6.4.1 **Keywords** . . ... INTERNATIONAL STANDARD ©ISO/IEC ISO/IEC 9899:**1999** (E) **Programming** ... the
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NONAGS Tips - Help - Info - Freeware
... text - More flexible settings of the **program** interface, languages ... Q132064 and works on those **registry** files that ... or system hangs using the "regedit/ **c**" command ...
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... **Program** Committee. ... I. Jacobson, USA; G. Kappel, Austria; S. Kent, UK; H. Kilov, USA; **C**. Kobryn, USA; P. Kruchten, Canada; ... **Keywords**: CONTACT PERSON. ...
www.yy.ics.keio.ac.jp/~suzuki/object/uml99/UML99.html - 14k - Cached - Similar pages

November **1999** Observer - Part **C**
... Each reference includes searchable **keywords** and some ... of climate change communication **programs**, expand collaboration ... Group, Environment Canada, **c**/o Department ...
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... Do not include a "Driver" **keyword**. ... Dsn, ODBC::SQL_LOGIN_TIMEOUT => 10, ODBC::SQL_OPT_TRACEFILE
=> '**c**:\trace.log ... **Programming** DBI, by Tim Bunce and Alligator ...
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